

Appendix I: Spatial Data Layers Currently Available for the MLPA South Coast Study Region

This appendix contains information about the spatial data layers currently available, including extent, source, resolution, and a brief description of each layer

Table I-1: Spatial Data Layers Currently Available for the MLPA South Coast Study Region

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Base	California Coastline	Detailed coastline of California	CDFG	Yes	X	X	X	X	high
Base	Geographic Names of California	U.S. Geographic Names Information System Locales	GNIS	Yes	X	X	X	X	high
Base	California Roads	TIGER Roads for California	U.S. Census Bureau	Yes	X	X	X	X	high
Base	MLPA Study Regions	Boundaries of State MLPA Study Regions	CDFG	Yes	X	X	X	X	high
Base	South Coast Subregions	Boundaries of State MLPA South Coast Study Subregions	CDFG	Yes		X			high
Base	Imagery	Various satellite imagery with resolution to .5 meters	Varies	Yes	X	X	X	X	high
Bathymetry	Depth Contours in Fathoms	10, 20, 30, 40, 50, 100, & 200 fathom contours	CDFG	Yes	X	X	X	X	low
Bathymetry	Depth Contours 10m intervals	10 meter interval contours (10 - 600)	CDFG	Yes	X	X	X	X	low
Bathymetry	Depth Contours 100m intervals	100 meter interval contours (100 - 4800)	CDFG	Yes	X	X	X	X	low
Bathymetry	Depth Contours 30-100 200m intervals	30, 100, & 200 meter contours	CDFG	Yes	X	X	X	X	low
Bathymetry	Depth Contours 30-50-100-200m intervals	30, 50, 100 & 200 fathom contours	CDFG	Yes	X	X	X	X	low
Bathymetry	Bathymetric Imagery	Bathymetric imagery		No	X	X	X	X	high
Biology	California Bird Colonies	Statewide bird colonies	NMS - biogeographic data assesment	Yes			X	X	medium
Biology	California Sealion Haulout Locations	Statewide California Sealion haulout locations	NMS - biogeographic data assessment	Yes	X	X	X	X	high
Biology	Harbor Seal Haulout Locations	Statewide Harbor Seal haulout locations	NMS - biogeographic data assessment	Yes	X	X	X	X	high
Biology	Persistent Kelp (Without 1989)	Kelp persistent using all years except 1989	UCSB	No		X			medium

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Biology	Persistent Kelp (All Years)	Kelp persistence using all available years	UCSB	No		X			low
Biology	Kelp Canopy Coverage in 1989	Kelp canopy cover fall 1989	CDFG	Yes	X	X	X	X	high
Biology	Kelp Canopy Coverage in 1999	Kelp canopy cover fall 1999	CDFG	Yes	X	X	X	X	high
Biology	Kelp Canopy Coverage in 2002	Kelp canopy cover fall 2002	CDFG	Yes	X	X	X	X	high
Biology	Kelp Canopy Coverage in 2003	Kelp canopy cover fall 2003	CDFG	Yes	X	X	X	X	high
Biology	Kelp Canopy Coverage in 2004	Kelp canopy cover fall 2004	CDFG	Yes	X	X	X	X	high
Biology	Kelp Canopy Coverage in 2005	Kelp canopy cover fall 2005	CDFG	Yes	X	X	X	X	high
Biology	Kelp Canopy Coverage in 2006	Kelp canopy cover 2006	CDFG	Yes	X	X			high
Biology	Marine Mammal Rookeries	Pinniped rookeries of California	NOAA Biogeographic Assessment	No	X	X	X	X	high
Biology	Marine Mammal Haulouts	Pinniped haulouts of California	NOAA Biogeographic Assessment	No	X	X	X	X	high
Biology	Seal Counts	Southern California seal counts	unknown	No			X	X	low
Biology	Tidewater Goby Critical Habitat	Critical habitat for the tidewater goby	USFWS	Yes	X	X	X	X	low
Biology	Pacific Angel Shark Habitat	Pacific angel shark habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Adult Thresher Shark Habitat	Adult thresher shark habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Juvenile Thresher Shark Habitat	Juvenile thresher shark habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	California Halibut Habitat	California halibut habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Biology	Giant Seabass Habitat	Giant seabass habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	California Sheephead Habitat	California sheephead habitat suitability model	NMS - biogeographic Assessment	Yes	X	X			medium
Biology	Black Abalone Habitat	Black abalone habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	White Abalone Habitat	White abalone habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X		medium
Biology	Red Abalone Habitat	Red abalone habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X		medium
Biology	Purple Sea Urchin Habitat	Purple sea urchin habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Red Sea Urchin Habitat	Red sea urchin habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	California Spiny Lobster Habitat	California spiny lobster habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Rockcrabs Habitat	Rockcrabs of the genus Cancer habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Sheep Crab Habitat	Sheep crab habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Ridgeback Rock Shrimp Habitat	Ridgeback rock shrimp habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Spot Shrimp Habitat	Spot shrimp habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Biology	California Market Squid Habitat	California market squid habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Warty Sea Cucumber Habitat	Warty sea cucumber habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	California Sea Cucumber Habitat	California sea cucumber habitat suitability model	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Boccaccio Larvae Distribution	Boccaccio larvae distribution off California	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Northern Anchovy Larvae Distribution	Northern anchovy larvae distribution off California	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Pacific Sardine Larvae Distribution	Pacific sardine larvae distribution off California	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Western Snowy Plover Locations	Historical snowy plover populations, breeding and wintering areas.	CDFG	Yes	X	X	X	X	medium
Biology	Ashy Storm-Petrel Density	Ashy Storm-Petrel at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Blue Whale Density	Blue whale at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Bottlenose Dolphin Density	Bottlenose dolphin at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Brown Pelican Density	Brown Pelican at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Brandt's Cormorant Density	Brandt's Cormorant at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Biology	Cassins Auklet Density	Cassins Auklet at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Common Dolphin Density	Common dolphin at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Dall's Porpoise Density	Dall's porpoise at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Double-crested Cormorant Density	Double-crested Cormorant at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Fin Whale Density	Fin whale at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Gray Whale Density	Gray whale at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Harbor Porpoise Density	Harbor porpoise at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Humpback Whale Density	Humpback whale at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Minke Whale Density	Minke whale at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Northern Right-whale Dolphin Density	Northern right-whale dolphin at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Killer Whale Density	Killer whale at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Pacific White-sided Dolphin Density	Pacific white-sided dolphin at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Biology	Pelagic Cormorant Density	Pelagic Cormorant at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Pigeon Guillemot Density	Pigeon Guillemot at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Risso's Dolphin Density	Risso's dolphin at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Xantus's Murrelet Density	Xantus's Murrelet at-sea density	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Fish Diversity	Composite fish diversity	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Fish Diversity - Trawl	Fish diversity in southern California using trawl data from the National Marine Fisheries Service	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Fish Assemblages - Trawl	Fish assemblages in southern California using trawl data from the National Marine Fisheries Service	NMS - biogeographic Assessment	Yes	X	X	X	X	medium
Biology	Fish Diversity in Kelp Forests- Scuba	Fish diversity in southern California using scuba surveys in kelp forests.	NMS - biogeographic Assessment	Yes		X			medium
Biology	Fish Assemblages in Kelp Forests	Fish assemblages in southern California kelp forests.	NMS - biogeographic Assessment	Yes		X			medium
Biology	Nearshore Fish Diversity - Trawl	Nearshore marine fish diversity in southern California using trawl information from the Southern California Coastal Water Research Project.	NMS - biogeographic Assessment	Yes		X			medium
Biology	Nearshore Marine Fish Assemblages	Nearshore marine fish assemblages in southern California	NMS - biogeographic Assessment	Yes		X			medium
Biology	Invertebrate Diversity	Invertebrate diversity in southern California	NMS - biogeographic Assessment	Yes		X			medium

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Biology	Marine Invertebrate Assemblages	Marine Invertebrate assemblages in southern California	NMS - biogeographic Assessment	Yes		X			medium
Charts	Anacapa Passage	NOAA Nautical Chart	NOAA	No		X			high
Charts	Gulf of Santa Catalina	NOAA Nautical Chart	NOAA	No		X			high
Charts	Point Dume to Purisima Point	NOAA Nautical Chart	NOAA	No		X	X		high
Charts	Port Hueneme to Santa Barbara	NOAA Nautical Chart	NOAA	No		X			high
Charts	Santa Cruz Island to Purisima Point	NOAA Nautical Chart	NOAA	No		X	X		high
Charts	San Clemente Island	NOAA Nautical Chart	NOAA	No		X			high
Charts	Santa Cruz Island	NOAA Nautical Chart	NOAA	No		X			high
Charts	Approaches to San Diego Bay	NOAA Nautical Chart	NOAA	No		X			high
Charts	San Miguel Passage	NOAA Nautical Chart	NOAA	No		X			high
Charts	Santa Monica Bay	NOAA Nautical Chart	NOAA	No		X			high
Charts	San Nicolas Island	NOAA Nautical Chart	NOAA	No		X			high
Charts	San Pedro Island	NOAA Nautical Chart	NOAA	No		X	X	X	high
Charts	Santa Barbara	NOAA Nautical Chart	NOAA	No		X			high
Charts	Santa Barbara Island	NOAA Nautical Chart	NOAA	No		X			high
Charts	San Diego to Cape Mendocino	NOAA Nautical Chart	NOAA	No		X	X	X	high
Charts	San Diego to Santa Rosa Island	NOAA Nautical Chart	NOAA	No		X			high
Consumptive Use	Commercial Passenger Fishing Vessel Effort (2005-2007)	Commercial Passenger Fishing Vessel Catch Per Unit Effort for Various Species for 2005-2007	CFIS	No	X	X	X	X	low
Consumptive Use	Commercial Passenger Fishing Vessel Catch (2004-2006)	California Recreational Fisheries Survey's (CRFS) sampled Commercial Passenger Fishing Vessel (CPFV) landings by 1' block for 2004, 2005, and 2006	CDFG	Yes	X	X	X	X	high
Consumptive Use	Surveyed Skiff Fishing Effort (2004,2005)	Summary of surveyed Skiff effort by 1' block for 2004 and 2005	CDFG	Yes	X	X	X	X	high

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Consumptive Use	Skiff Catch	Skiff catch data for Southern California	CDFG	No		X			low
Consumptive Use	Kayak Fishing Sites	Locations of kayak fishing sites in Central and Northern California	KFACA	Yes			X	X	high
Consumptive Use	Kayak Fishing Areas	Southern California kayak fishing areas	KFACA	Yes		X			low
Consumptive Use	Pier Fishing Sites	Pier fishing locations in Southern California		No		X			high
Consumptive Use	Commercial Fishery Catch	Commercial Landing Receipts from Southern California Ports	CFIS	Yes	X	X	X	X	low
Cultural	California Counties	County boundaries of California	CDFG	Yes	X	X	X	X	high
Cultural	California Cities	Coastal cities of California (from GNIS)	USGS	Yes	X	X	X	X	high
Cultural	California Geographic Points	255 geographic points (headlands) of California	CDFG	Yes	X	X	X	X	high
Cultural	Coastal Access Point	Coastal access points from the California Coastal Access Guide	California Coastal Conservancy	Yes	X	X	X	X	high
Cultural	Harbors of California	Harbors of California - 5 major harbors on the Central Coast	CDFG	Yes			X		high
Cultural	Ports of California	Ports of California - 194 port codes for recording landings of marine fisheries	CDFG	Yes	X	X	X	X	high
Cultural	Piers and Jetties	Fishing Piers and Jetties of Southern California	PSMFC	Yes		X			low
Cultural	Kayak Launch Sites	Locations of kayak launch sites for Southern California	KFACA	Yes		X			high
Cultural	Ocean Outfalls	Ocean outfalls	SWRCB	No	X	X	X	X	high
Cultural	Desalination Plants	Desalination plant locations	CDFG	Yes	X	X	X	X	high
Cultural	Oil Platforms	2002 Oil Platforms	CDFG	Yes		X			high
Cultural	Marine Research Institutes	Marine research institutions of the south coast	UCSB	Yes		X			medium
Cultural	Shipwrecks	Shipwrecks of the United States	NOAA	No	X	X	X	X	high
Cultural	Shipwrecks - South Coast	Shipwrecks within the south coast study region	Unknown	No		X			high
Cultural	Environmental Sensitivity Index	Environmental Sensitivity Index map for Central and Northern California shoreline	NOAA	Yes			X	X	high
Cultural	Urban Areas	California urban areas from the 2000 Census	U.S. Census Bureau	Yes	X	X	X	X	high

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Habitat	Artificial Reef Boundaries	Artificial reefs' bounding coordinates	unknown	No		X			high
Habitat	Artificial Reef Centers	Artificial reefs' centroids	unknown	No		X			high
Habitat	Coastal Marsh	Coastal marshes of California	TNC	No	X	X	X	X	high
Habitat	Eelgrass	Zostera (eelgrass) beds of California	TNC	Yes	X	X	X	X	high
Habitat	Seagrass	Seagrass distribution off California	NOAA	Yes	X	X	X	X	high
Habitat	Surfgrass	Surfgrass of California	Tenera	Yes	X	X	X	X	high
Habitat	Estuaries	California estuaries	TNC	Yes	X	X	X	X	high
Habitat	Substrate	Linear substrate classification	CDFG	No				X	low
Habitat	Benthic Substrate	Course scale benthic substrate	NOAA	Yes	X	X	X	X	low
Habitat	Benthic Marine Habitat	Benthic Marine Habitat	Moss Landing Marine Lab	Yes		X			Low
Habitat	Benthic Marine Habitat Observed	Benthic marine habitat observed by manned submersibles	UCSB	Yes		X			high
Habitat	Coastal Sensitivity to Oil Spills	Sensitivity of Coastal Environments and Wildlife to Spilled Oil	NOAA	Yes	X	X	X	X	high
Management	California Conservation Areas	California Conservation Areas	unknown	No	X	X	X	X	high
Management	Cowcod Conservation Areas	Cowcod Conservation Areas	CDFG	Yes		X			high
Management	Recreational Fisheries Survey Sites	California Recreational Fisheries Survey Sample Sites	CDFG	No	X	X	X	X	high
Management	Essential Fish Habitat	Essential Fish Habitat (EFH) boundaries from NMFS final rule to implement Amendment 19 to the Pacific Coast Groundfish Management Plan	PFMC	Yes	X	X	X	X	medium
Management	Essential Fish Habitat Conservation Areas	Essential Fish Habitat (EFH) conservation areas from NMFS final rule to implement Amendment 19 to the Pacific Coast Groundfish Management Plan	PFMC	Yes	X	X	X	X	medium
Management	Essential Fish Habitat Seaward of 700 Fathoms	The area seaward of the 700-fathom depth contour off Washington, Oregon, and California for NMFS' final rule implementing Amendment 19 to the Pacific Coast Groundfish Fishery Management Plan	NOAA	Yes	X	X	X	X	high

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Management	California Coastal National Monuments	California Coastal National Monuments	CDFG	Yes	X	X	X	X	high
Management	National Marine Sanctuaries of California	National Marine Sanctuaries of California	NOAA	Yes	X	X	X	X	high
Management	Halibut Trawl Closures	Halibut Trawl Closures	CDFG	Yes		X			high
Management	Halibut Trawl Grounds	Halibut Trawl Grounds	CDFG	Yes		X			high
Management	Halibut Trawl Grounds 2008	Halibut Trawl Grounds 2008	CDFG	Yes		X			high
Management	Managed Kelp Beds	Administrative kelp beds	CDFG	Yes	X	X	X	X	medium
Management	California Legacy Project Land	Conservation and trust land ownership (terrestrial) - California Legacy Project	TNC	Yes	X	X	X	X	high
Management	1 Minute CRFS Microblocks	1' California Recreational Fisheries Survey microblocks	CDFG	Yes	X	X	X	X	medium
Management	CRANE Monitoring Sites	CRANE monitoring locations	CDFG	Yes		X	X		high
Management	Marine Monitoring Sites	Monitoring sites for PISCO, LIMPET, CRANE, MARINe	UCSB	Yes	X	X	X	X	high
Management	Offshore Oil Bed Leases	Oil bed leases	GreenInfo	Yes		X	X		high
Management	Rockfish Conservation Area - 100fathoms	Rockfish Conservation Area boundaries - 100 Fathoms - 2008 Draft	CDFG	Yes	X	X	X	X	medium
Management	Rockfish Conservation Area - 150fathoms	RCA boundaries - 150 Fathoms - 2008 Draft	CDFG	Yes	X	X	X	X	medium
Management	Rockfish Conservation Area - 250fathoms	RCA boundaries - 250 Fathoms - 2008 Draft	CDFG	Yes	X	X	X	X	medium
Management	Rockfish Conservation Area - 50fathoms	RCA boundaries - 50 Fathoms - 2008 Draft	CDFG	Yes	X	X	X	X	medium
Management	Rockfish Conservation Area - 60fathoms	RCA boundaries - 60 Fathoms - 2008 Draft	CDFG	Yes	X	X	X	X	medium

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Management	Rockfish Conservation Area - 75fathoms	RCA boundaries - 75 Fathoms - 2008 Draft	CDFG	Yes	X	X	X	X	medium
Management	Restricted Areas	Restricted areas (military, power plant, etc.)	CDFG	Yes	X	X	X	X	high
Management	State Waters (Offshore Line)	Offshore line boundaries for California state jurisdiction	CDFG	Yes	X	X	X	X	high
Management	State Waters (Polygon)	Boundaries for California state jurisdiction	CDFG	Yes	X	X	X	X	high
Management	State Water Quality Protection Areas	State Water Quality Protection Areas 2003 (aka - areas of special biological significance)	CDFG	Yes	X	X	X	X	high
Management	California Areas of Special Concern	California areas of special concern		No	X	X	X	X	high
Management	State Park Lands	California State Park lands		No	X	X	X	X	high
Management	Existing State Marine Protected Areas	Current California state marine protected areas	CDFG	Yes	X	X	X	X	high
Management	Existing South Coast Marine Protected Areas	Existing marine protected areas in the south coast study region	MLPAI	Yes		X			high
Non-consumptive Use	Shore Dive Sites	Shore dive locations of Southern California	UCSB	Yes		X			high
Physical	Submarine Features	Point locations of submarine features		No	X	X	X	X	low
Physical	Submarine Canyons	Submarine canyons	EFH	Yes	X	X	X	X	medium
Physical	Offshore Rock Locations	Offshore rocks - national monuments managed by BLM	BLM	Yes	X	X	X	X	high
Physical	California Watersheds	Watersheds of California - Calwater 2.2.1	Cal Interagency Watershed Mapping	Yes	X	X	X	X	high
Physical	Coastal Rivers and Streams	Rivers and streams of coastal California	CDFG	Yes	X	X	X	X	high
Physical	Impaired Rivers and Streams	303d listed impaired rivers of California - 2002	SWRCB	Yes	X	X	X	X	high
Physical	Impaired Waterbodies	303d listed impaired waterbodies of California - 2002	SWRCB	Yes	X	X	X	X	high
Physical	Tree Canopy	Tree canopy	USGS/NLCD	Yes	X	X	X	X	high
Physical	Land Cover	Land cover	USGS / NLCD	Yes	X	X	X	X	medium

Data Type	Layer Name	Description	Source	Metadata	Spatial Extent				Resolution
					State	SCSR	CCSR	NCCSR	
Physical	Land Cover - NOAA CCAP	NOAA CCAP land cover	NOAA	No		X	X	X	medium
Physical	Impervious Land Cover	Impervious land cover	USGS / NLCD	Yes	X	X	X	X	medium
Physical	Ocean Currents of 1999	Ocean currents of 1999	NOAA Biogeographic Assessment	Yes	X	X	X	X	low
Physical	Sea Surface Temperatures - 1993 - 2003	Sea surface temperatures, by year 1993 -2003	NOAA Biogeographic Assessment	Yes	X	X	X	X	low

Acronyms

SCSR = MLPA South Coast Study Region
 CCSR = MLPA Central Coast Study Region
 NCCSR = MLPA North Central Coast Study Region
 BLM = U.S. Bureau of Land Management
 CDFG = California Department of Fish and Game
 CFIS = California Fisheries Information System
 EFH = essential fish habitat
 GNIS = U.S. Geographic Names Information System Locales
 KFACA = Kayak Fishing Association of California
 MLPAL = Marine Life Protection Act Initiative
 NLCD = National Land Cover Data

NMS = national marine sanctuary
 NOAA = National Oceanic and Atmospheric Administration
 NOAA CSC = NOAA Coastal Services Center
 NOS = NOAA's National Ocean Service
 PFMC = Pacific Fishery Management Council
 PSMFC = Pacific States Marine Fisheries Commission
 SWRCB = State Water Resources Control Board
 TNC = The Nature Conservancy
 UCSB = University of California, Santa Barbara
 USFWS = U.S. Fish and Wildlife Service
 USGS = U.S. Geological Survey